

Converting Colors

CIELCh(73, 47.234, 351.699)

Have a look what the booklet for
CIELCh(73, 47.234, 351.699)
contains.

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Color

CIELCh(73, 47.244, 351.773)

Conversions

Conversions Part 1

Format	Color
Hex	FE91C1
RGB	254, 145, 193
RGB Percent	100%, 57%, 76%
CMY	0.0040, 0.4314, 0.2432
CMYK	0.00, 0.43, 0.24, 0.00
HSL	334°, 98%, 78%
HSV	334°, 43%, 100%
XYZ	60.6150, 45.1644, 55.9665
YIQ	183.0630, 49.5560, 38.0360

Conversions

Conversions Part 2

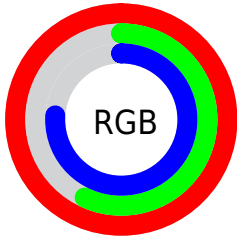
Format	Color
RYB	254, 145, 193
Decimal	16683457
CIELab	73.00, 46.76, -6.76
CIELCh	73, 47.244, 351.773
Yxy	45.1644, 0.3748, 0.2792
Android (android.graphics.Color)	4294873537 (0xFFFE91C1)
YUV	183.0630, 4.8989, 62.2117
Hunter-Lab	67.2044, 43.3901, -2.3324

Details

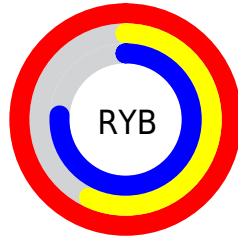
The CIELCh color **73, 47.244, 351.773** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 44.080, 162.502**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 31.400, 328.856**, and **53, 47.553, 351.333** is the 20% darker color. If you saturate the color by 10%, you get **68, 57.627, 353.438**, and if you desaturate by 10%, it is **79, 36.253, 350.382**.

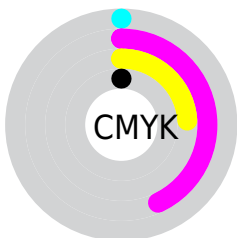
Distribution



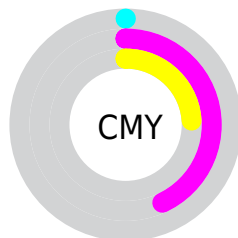
- Red (100%)
- Green (57%)
- Blue (76%)



- Red (100%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 47.244, 351.773 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 47.244, 351.773 by changing the saturation by 10% instead.


 73, 47.244,
351.773


 73, 47.244,
351.773


 100, 47.244,
351.773


 63, 47.244,
351.773


 93, 47.244,
351.773

 53, 47.244,
351.773

 43, 47.244,
351.773

 33, 47.244,
351.773

 23, 47.244,
351.773

 13, 47.244,
351.773

 3, 47.244, 351.773

0, 47.244, 351.773

73, 47.244,
351.773

73, 47.244,
351.773

68, 57.627,
353.438

79, 36.253,
350.382

63, 66.886,
355.479

85, 25.069,
349.187

59, 74.440,
358.038

91, 13.964,
348.133

57, 79.832, 1.291

98, 3.108, 347.084

55, 82.967, 5.410

100, 0.352,
201.265

54, 84.240, 8.815

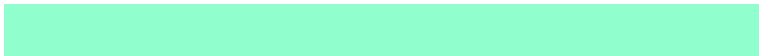
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 47.244, 351.773



92, 44.080, 162.502

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 47.244, 351.773



73, 47.244, 41.773



73, 47.244, 171.773



73, 47.244, 221.773

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 47.241, 351.774



91, 14.106, 348.142



70, 62.417, 312.837



47, 9.899, 348.365



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 47.241, 351.774



69, 55.889, 353.097



73, 42.975, 27.286



50, 6.139, 347.794



41, 68.017, 7.879



10, 31.437, 1.389

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73, 47.241, 351.774



69, 55.889, 353.097



92, 31.183, 202.736



50, 6.139, 347.794



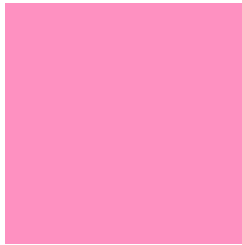
41, 68.017, 7.879



10, 31.437, 1.389

Previews

White Background



This preview shows how the CIELCh color 73, 47.244, 351.773 looks on a white background.

Color Contrast Check

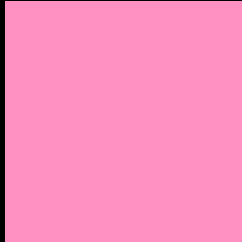
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 47.244, 351.773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 47.244, 351.773

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.244, 351.773.



This preview shows how white text looks on a background with the CIELCh color 73, 47.244, 351.773.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
73, 47.244, 351.773

Protanopia
73, 19.606, 286.076

Deuteranopia
73, 10.409, 333.452



Tritanopia
73, 40.078, 15.091

Trichromacy



Original Color
73, 47.244, 351.773



Protanomaly
72, 25.371, 322.647



Deuteranomaly
72, 24.270, 344.753



Tritanomaly
73, 41.639, 5.958

Monochromacy



Original Color
73, 47.244, 351.773



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 17.905, 348.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.244, 351.773 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 145, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 145, 193)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 145, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 145, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.244, 351.773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 145, 193) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 145, 193) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 145, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 145, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 145, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 145,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.244, 351.773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 145, 193) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
145, 193) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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